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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/630,542	07/29/2003	Kenneth M. Williams	PA2221US	7485
22830	7590	12/29/2006	EXAMINER	
CARR & FERRELL LLP 2200 GENG ROAD PALO ALTO, CA 94303			TECKLU, ISAAC TUKU	
			ART UNIT	PAPER NUMBER
			2192	
SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE		
31 DAYS	12/29/2006	PAPER		

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

**Election / Restriction**

1. Restriction to one of the following invention is required under 35 U.S.C. 121
  - I. Claims 1-22, 38-46 and 54-74 drawn to a method for modifying a program to allow the program to execute on a processor system by "replacing the critical code segment with a statement that calls the function" classified in 717/159.
  - II. Claims 23-37 and 47-53 drawn to a compiler to generate a header file and an intermediate file for programming a programmable logic device coupled to a processor classified in 717/146.

Inventions I and II are related as combination and subcombination. Inventions in this relationship are distinct if it can be shown that (I) the combination as claimed does not require the particulars of the subcombination as claimed for patentability, and (II) that the subcombination has utility by itself or in other combinations (MPEP § 806.05(c)). In the instant case, the combination as claimed does not require the particulars of the subcombination as claimed because I uses replacing the critical code segment to modify a program. The subcombination has separate utility such as compiler to generate header file and an intermediate file for programming a programmable logic device coupled to a processor.

The examiner has required restriction between combination and subcombination inventions. Where applicant elects a subcombination, and claims thereto are subsequently found allowable, any claim(s) depending from or otherwise requiring all the limitations of the allowable subcombination will be examined for patentability in accordance with 37 CFR 1.104. See MPEP § 821.04(a). Applicant is advised that if any claim presented in a continuation or divisional application is anticipated by, or includes all the limitations of, a claim that is allowable

in the present application, such claim may be subject to provisional statutory and/or nonstatutory double patenting rejections over the claims of the instant application.

2. Applicant is advised that the reply to this requirement to be complete must include an election of the invention to be examined even though the requirement is traversed (37 CFR 1.143).

3. A telephone call was made to Mr. Eugene G. Kim, Reg. No. 46,267 on 09/06/2006 to request an oral election to the above restriction requirement, **but did not result** in an election being made.

4. Applicant is reminded that upon cancellation of claims to a non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim remaining in the specification. Any amendment of inventorship must be accompanied by a request under 37 CFR 1.48(b) and by the fee required under 37 CFR 1.17(i).

*Conclusion*

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Isaac T. Tecklu whose telephone number is (571) 272-7957. The examiner can normally be reached on M-TH 9:300A - 8:00P.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tuan Q. Dam can be reached on (571) 272-3695. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Isaac Tecklu  
Art Unit 2191

  
TUAN DAM  
SUPERVISORY PATENT EXAMINER